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Enhanced gamma reaction history measurements with the new Pulse Dilation – Photomultiplier Tube Title:

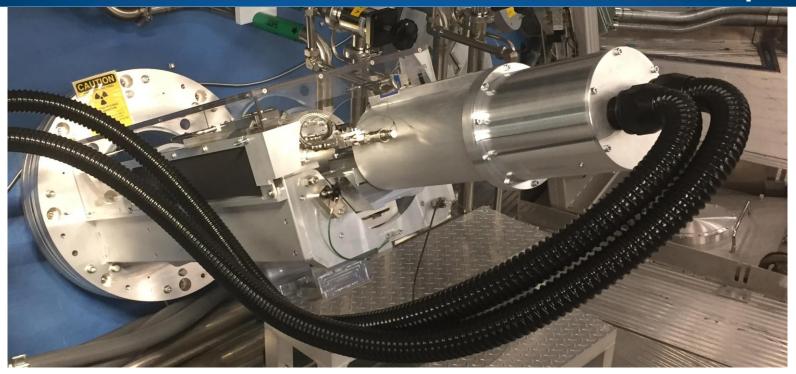
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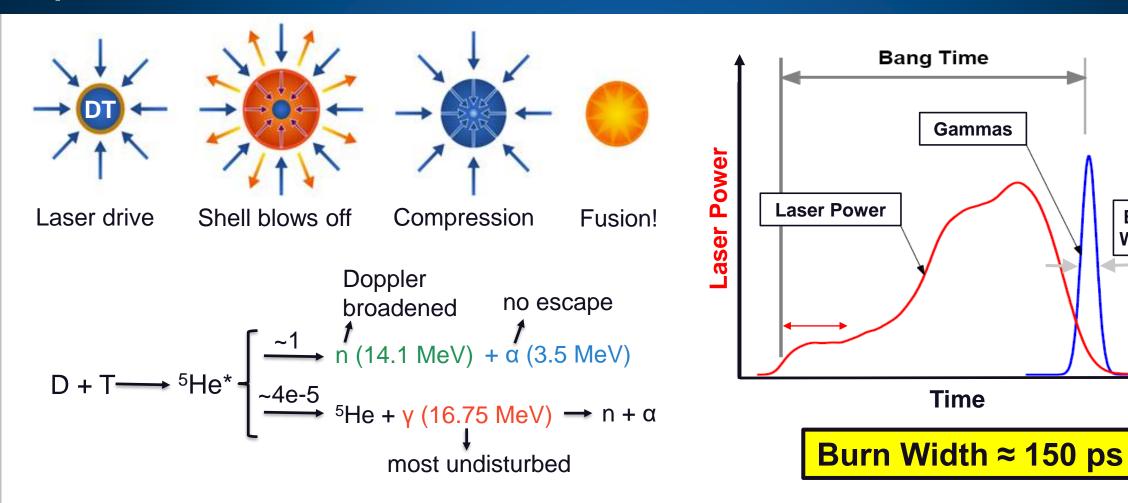




by Hermann Geppert-Kleinrath



Inertial Confinement Fusion (ICF) at the National Ignition Facility (NIF) produces a small nuclear fireball

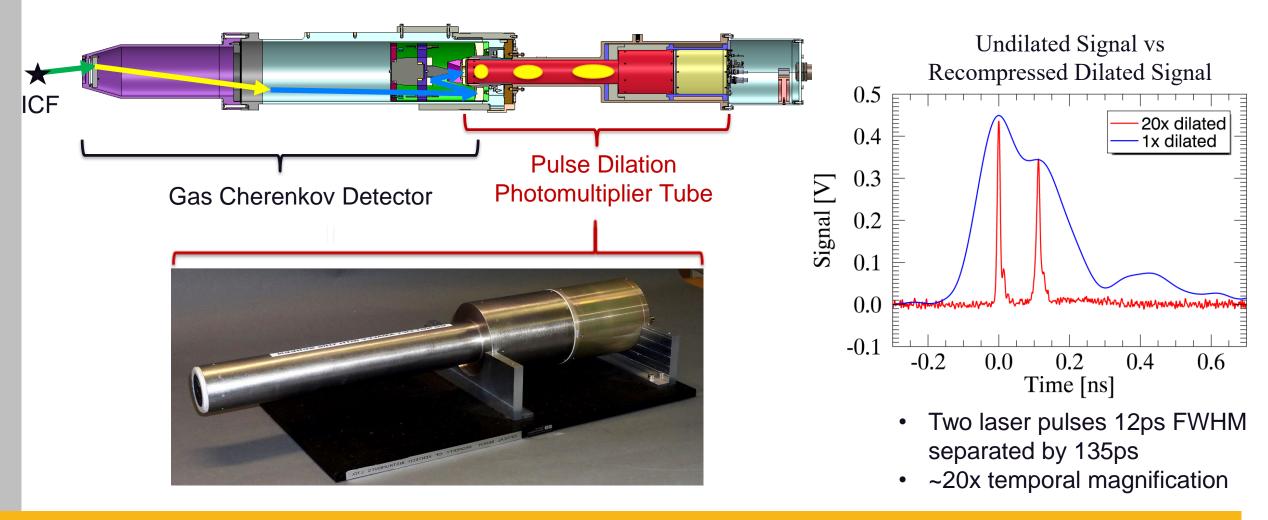


NIF has not yet succeeded at igniting an implosion

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Burn Width

Pulse Dilation – Photomultiplier Tube will increase temporal resolution and measure structure in the reaction history



Pulse Dilation will improve our understanding of Inertial Confinement Fusion

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